

**OU2 Source Areas and Potential Source Areas -
Omega Chemical Corporation Superfund Site, Whittier, CA
August 23, 2010**

Table 1: Areas Identified in the 2009 Draft RI Report

This list does not necessarily include all entities or areas that may have contributed to OU2 contamination.

Site Name and Address	Lead State Agency	Project Mgr/ Supervisor	Source / Possible Source Chemicals Being Contributed to OU2 Plume	Remedy or Removal in place	Date of Latest Analytical & Depth to Water (DTW) Data	Received OU2 General Notice Letter (GNL)?
Angeles Chemical Co., Inc. (8915 Sorensen Avenue, Santa Fe Springs)	DTSC	Steven Hariri/JTL <u>EnviroStor</u> Project Mngr: Stephen McArdle (818) 551-2852 ext. 2852 smcardle@dtsc.ca.gov Supervisor: Juli Propes (818) 717-6539 jpropes@dtsc.ca.gov	A source of PCE, TCE, vinyl chloride, 1,4-dioxane, 1,1,1- TCA, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, methylene chloride, MEK, acetone, and BTEX.	SVE currently operating, quarterly groundwater monitoring, removal and decommissioning of 32 USTs (1999 & 2001)	Analytical: 03/09 DTW: 03/09	Yes
Former CENCO Refinery (12345 Lakeland Road, Santa Fe Springs)	RWQCB	Don Indermill	A source of fuel hydrocarbons	Free product recovery in 1990; quarterly monitoring	Analytical: 04/09 DTW: 04/09	

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Earl Manufacturing (11862 Burke Street, Santa Fe Springs)	RWQCB	David Young/SH2 <u>GeoTracker</u> Project Mngr: David Young (213) 576-6733 dyoung@waterboards.ca.gov Supervisor: Su Han (213) 576-6735 shan@waterboards.ca.gov	A source of PCE, TCE, 1,1-DCA, and 1,1-DCE.	UST removed (1997)	Analytical: 03/07 (HP data)	Yes
McKesson Corporation (9005 Sorensen Avenue, Santa Fe Springs)	DTSC	Lori Parnass/JP <u>EnviroStor</u> Project Mngr: Lori Parnass (818) 717-6546 lparnass@dtsc.ca.gov Supervisor: Juli Propes (818) 717-6539 jpropes@dtsc.ca.gov	A source of PCE, TCE, 1,4-dioxane, 1,1,1-TCA, 1,1-DCA, 1,2-DCA, 1,1-DCE, cis-1,2-DCE, vinyl chloride, methylene chloride, MEK, xylenes, toluene, and acetone.	Quarterly groundwater monitoring, groundwater extraction (since 1996), SVE (since 1994), In-situ thermal desorption, removal of 21 USTs	Analytical: 03/09 DTW: 03/09	Yes

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Former Unocal Corporation Facility (9645 South Santa Fe Springs Road, Santa Fe Springs)	RWQCB	??	A source of fuel hydrocarbons.	SVE implemented in 1992. Completed in 1993	Analytical: 01/98	
Foss Plating Co., Inc. (8140 Secura Way, Santa Fe Springs)	DTSC	Irena Edwards/RS <u>EnviroStor</u> Project Mngr: Irena Edwards (714) 484-5385 iedwards@dtsc.ca.gov Supervisor: Manny Alonzo (714) 484-5425 malonzo@dtsc.ca.gov	A source of PCE, TCE, chloroform, total chromium, and hexavalent chromium.		Analytical: 03/06	Yes
G&M Oil Company (12559 Lambert Road, Whittier)	RWQCB		A source of fuel hydrocarbons.	Unknown	Analytical: 2004	
OFRP (10737 South Shoemaker Avenue, Santa Fe Springs)	RWQCB	Don Indermill/DO	A source of fuel hydrocarbons		Analytical: 08/08 DTW: 08/08	

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Omega Chemical, Inc. (12504 and 12512 East Whittier Boulevard, Whittier)	DTSC	Lori Parnass/JP	A source of 1,1,1-TCA; 1,1,2-TCA; 1,1-DCA; 1,1- DCE ; 1,2-DCA; benzene; carbon disulfide; carbon tetrachloride; chlorobenzene; chloroform; cis-1,2-DCE; Freon 11; Freon 113; methylene chloride; PCE; toluene; trans-1,2-DCE; TCE; vinyl chloride; 1,4-dioxane; NDMA; and 1,2,3- trichloropropane.	Interim groundwater containment system at OU1 operational since July 2009, RD/RA for OU1 vadose zone soils to start in 2010. RI/FS for OU2 groundwater finished in August 2010.	All Data (EPA sampling)	
Phibro-Tech, Inc. (8851 Dice Road, Santa Fe Springs)	DTSC	Kathy San Miguel/JTL <u>EnviroStor</u> Project Mngr: Stephen McArdle (818) 551-2852 ext. 2852 smcardle@dtsc.ca.gov Supervisor: Juli Propes (818) 717-6539 jpropes@dtsc.ca.gov	A source of PCE, TCE, carbon tetrachloride, 1,1- DCA, 1,2-DCA, 1,1-DCE, cis-1,2-DCE, chloroform, methylene chloride, and hexavalent chromium.	Quarterly groundwater monitoring; RCRA Corrective Actions. TBD soil vapor extraction and in- situ treatment of groundwater	Analytical: 07/09 DTW: 07/09	Yes

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Pilot Chemical Corporation (11756 Burke Street, Santa Fe Springs)	RWQCB	Henry Jones/? <u>GeoTracker</u> Project Mngr: Henry Jones No phone number listed hjones@waterboards.ca.gov Supervisor: Kwang-Il Lee (213) 576-6734 klee@waterboards.ca.gov	A source of fuel hydrocarbons and 1,2-DCA.	SVE, quarterly groundwater monitoring	Analytical: 04/09 DTW: 04/09	Yes
Santa Fe Springs Oil Field (a geographic area of oil exploration in Santa Fe Springs)	RWQCB	??	A possible source of groundwater contamination from fuel hydrocarbons and oil recovery additives.	Unknown	No data.	
Site A (Chrysler) (12128 Burke Street, Santa Fe Springs)	RWQCB	Arthur Heath/SU <u>GeoTracker</u> Project Mngr: Jenny Au (213) 576-6739 jau@waterboards.ca.gov Supervisor: None listed	A source of PCE, TCE, and 1,1-DCE.	Structure and UST removal (1985-1988), soil excavated in 1990	Analytical: 01/91	Yes

Site Name and Address	Lead State Agency	Project Mgr/ Supervisor	Source / Possible Source Chemicals Being Contributed to OU2 Plume	Remedy or Removal in place	Date of Latest Analytical & Depth to Water (DTW) Data	Received OU2 General Notice Letter (GNL)?
Site B (8921 Dice Road, Santa Fe Springs)	DTSC	Dave Stuck/RK2 <u>EnviroStor</u> Project Mngr: None listed Supervisor: Sayareh Amirebrahimi (818) 717-6534 SAmirebr@dtsc.ca.gov	A possible source of 1,2-dichloropropane, PCE, TCE, 1,1,1-TCA, 1,1-DCA, 1,1-DCE, and cis-1,2-DCE.	, Case closed Soil removal (1990, 1991. SVE (completed in 1998)	Analytical: 12/89	EPA recently conducted sampling; awaiting results.
Site C (9120-9160 Norwalk Boulevard and 11925-11933 Los Nietos Road, aka 9100 Norwalk Blvd., Santa Fe Springs)	RWQCB	<u>GeoTracker</u> Project Mngr: Mohammad M. Zaidi (213) 576-6732 - mzaidi@waterboards.ca.gov Supervisor: Kwang-Il Lee (213) 576-6734 klee@waterboards.ca.gov	A possible source of chromium.	Soil, USTs and dry wells excavated (1988)	Analytical: 2003	
Site D (8421 Chetle Avenue, Santa Fe Springs)	RWQCB?? DTSC?	PBarni/? <u>No Lead Agency Found</u>	A possible source of PCE, TCE, 1,1-DCE, 1,2-DCA, chloroform, cis-1,2-DCE, and Freon 11, but the investigation results do not allow a conclusive determination whether Site D is a source of these compounds.	None	Analytical: 02/07 (EPA's HP data)	

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Site E (12200 Los Nietos Road, Santa Fe Springs)	RWQCB	Yu Rong/SU <u>GeoTracker</u> Project Mngr: Yue Rong (213) 576-6710 yrong@waterboards.ca.gov Supervisor: None listed	A possible source of 1,1,1-TCA and 1,4-dioxane.	USTs removed (1986), soil removal done and vapor recovery wells installed (1987) – closed 1999.	Analytical: 05/07 (EPA's HP data)	
Site F (8623 Dice Road, Santa Fe Springs)	RWQCB? DTSC?	LParnass will check on history?? According to DTSC EnviroStor, site was referred to RWQCB. However, site is not listed in RWQCB GeoTracker.	Possible source of PCE, carbon tetrachloride, and 1,4-dioxane.	None	Analytical: 03/07 (EPA's HP data)	
TCE Source at Whittier Boulevard (12353 Whittier Boulevard and adjacent vacant lot)	None	<u>DPW</u> Project Mngr for "Preston" Weed Control: John Awujo, LAC DPW (626) 458-3507 Supervisor: Manuel R. Regalado, LAC DPW (626) 458-3510 mregalad@dpw.lacounty.gov	A source of TCE, 1,1-DCE, and benzene.	Soil removed (~1987 & 1990).	Analytical: 03/07 (EPA's HP data) 9/09 (soil data) 1Q2010 (MW31, EPA well)	

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Techni-Braze, Inc. (11845 Burke Street, Santa Fe Springs)	RWQCB	Jeff Hu/KL <u>GeoTracker</u> Project Mngr: Dixon Oriola (213) 576-6803 doriola@waterboards.ca.gov Supervisor: Kwang-Il Lee (213) 576-6734 klee@waterboards.ca.gov	A source of TPH, PCE, TCE, and 1,1-DCE.	SVE (installed 2008), in-situ groundwater treatment, quarterly groundwater monitoring	Analytical: 08/08 DTW: 08/08	Yes

Explanation

Analytical – Groundwater analytical results for samples collected from monitoring wells, generally for volatile organic compounds but may include other analytes.

DTW – Depth to water and water elevation data from monitoring wells.

HP – Discrete (one-time) groundwater samples taken using HydroPunch.

SVE – Soil vapor extraction.

Table 2: Areas Added to the 2010 Revised RI Report

This list does not necessarily include all entities or areas that may have contributed to OU2 contamination.

Site Name and Address	Lead State Agency	Project Mgr/ Supervisor	Source / Possible Source Chemicals Being Contributed to OU2 Plume	Remedy or Removal in place	Date of Latest Analytical & Depth to Water (DTW) Data	Received OU2 General Notice Letter (GNL)?
Site G (Electronic Chrome and Grinding) (9128 and 9132 Dice Road, Santa Fe Springs)	None Found	None found	Possible source of chromium	None	1986 (soil)	
Site H (Peterson Puritan) (9101 S. Sorensen Ave., Santa Fe Springs)	RWQCB	<u>GeoTracker</u> Project Mngr: Yue Rong (213) 576-6710 yrong@waterboards.ca.gov Supervisor: None listed	Possible source of PCE and/or TCE	Closed site Soil removal (1985)	1985 (soil)	
Site I (Continental Heath Treating) (10643 Norwalk Blvd., Santa Fe Springs)	RWQCB	<u>GeoTracker</u> Project Mngr: David Young (213) 576-6733 dyoung@waterboards.ca.gov Supervisor: Su Han (213) 576-6735 shan@waterboards.ca.gov	Possible source of PCE and/or TCE	Soil remediation and SVE in 2004.	1995 (soil)	

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Site J (Mobil Oil Jalk Fee) (10607 Norwalk Blvd., Santa Fe Springs)	RWQCB	<u>GeoTracker</u> Project Mngr: Niann-Jen (Ann) Chang (213) 620-6070 nchang@waterboards.ca.gov Supervisor: Su Han (213) 576-6735 shan@waterboards.ca.gov	Possible source of PCE	Soil removal (1994, 1996, 1998, 2000) on-site bioremediation (1994 – 1997); annual groundwater monitoring (last completed September 2009)	2008	
Site K (Eastman Kodak) (12080 and 12100 Rivera Road, and 8550 Chetle Avenue, Whittier)	DTSC	Jose Diaz/ Chatsworth <u>EnviroStor</u> Project Mngr: Jose Diaz (818) 717-6561 jdiaz@dtsc.ca.gov Supervisor: Rita Kamat (818) 717-6538 rkamat@dtsc.ca.gov	Possible source of chromium	Soil removal (1984) Voluntary well installation and groundwater monitoring to start in 2010.	1998 and 2008	
Site L (Chiller Services) (9620 Santa Fe Springs Rd., Santa Fe Springs) Located on a parcel at the WDI Superfund site.	USEPA, DTSC	Russell Mechem, RPM <u>EnviroStor</u> Project Mngr: Jessy Fierro (818) 717-6563 jfierro@dtsc.ca.gov Supervisor: Juli Propes (818) 717-6539 jpropes@dtsc.ca.gov	Possible source of Freon 11 and 113	None Soil gas, indoor air, and groundwater monitoring at WDI partially covers Site L.	March 2009 (WDI monitoring)	

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Mission Linen Supply 11904-11920 E. Washington Blvd., Whittier	RWQCB	Mohammed Zaidi/KL <u>GeoTracker</u> Project Mngr: Mohammad M. Zaidi (213) 576-6732 mzaidi@waterboards.ca.gov Supervisor: Kwang-Il Lee (213) 576-6734 klee@waterboards.ca.gov	A source of PCE, TCE.	Five USTs removed (1987), SVE (initiated in 2005), quarterly groundwater monitoring (since 1999)	Analytical: 2009 DTW: 2009	Yes

Explanation

Analytical – Groundwater analytical results for samples collected from monitoring wells, generally for volatile organic compounds but may include other analytes.

DTW – Depth to water and water elevation data from monitoring wells.

HP – Discrete (one-time) groundwater samples taken using HydroPunch.

SVE – Soil vapor extraction.

Table 3: Other Facilities of Interest

This list does not necessarily include all entities or areas that may have contributed to OU2 contamination.

Site Name and Address	Lead State Agency	Project Mgr/ Supervisor	Chemicals Being Contributed to OU2 Plume	Remedy or Removal in place	Date of Latest Analytical & DTW Data	General Notice Letter (OU2) Status
WDI Superfund Site (Los Nietos Road at Greenleaf Avenue and Santa Fe Springs Road, Santa Fe Springs)	USEPA DTSC	Russell Mechem, RPM Jessy Fierro/JP	Outside of OU2- near eastern boundary None	This is an EPA Superfund Site.	Analytical: 12/07 DTW: 12/07 (???)	
Ashland Chemical (10505 South Painter Avenue, Santa Fe Springs)	RWQCB	Gregg Crandall/?	Outside of OU2-near eastern boundary	Pump & Treat, SVE	Analytical: 02/09 DTW: 02/09	
Golden West Refinery (13116 Imperial Highway, Santa Fe Springs)	RWQCB		Outside of OU2-south of the leading edge of OU2 Petroleum hydrocarbons, VOCs	Soil removal, SVE, pump&treat, quarterly groundwater monitoring.	None	

Explanation

Analytical – Groundwater analytical results for samples collected from monitoring wells, generally for volatile organic compounds but may include other analytes.

DTW – Depth to water and water elevation data from monitoring wells.

SVE – Soil vapor extraction.